

Product: MAMMOMAT Novation DR (DROC)

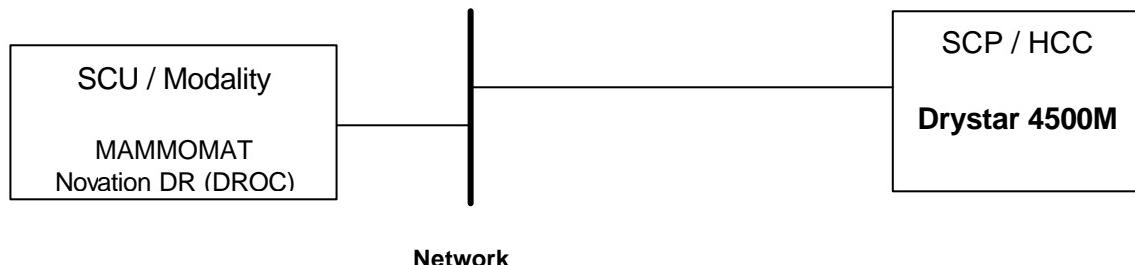
Title: Specific Hardcopy Camera Information for AGFA Drystar 4500M

Affected systems: MAMMOMAT Novation DR with Image Processing, V1.0 and Hardcopy Cameras

Replaces: n.a.

1 General Information

1.1 Block Diagram



1.2 Available Film Size

Application		Film Type	Medium Type
14"x17"	Portrait	n.a.	n.a.
	Landscape	n.a.	
14"x14"	Portrait	n.a.	n.a.
	Landscape	n.a.	
11"x14"	Portrait	n.a.	n.a.
	Landscape	n.a.	
10"x12"	Portrait	yes	Dry Star Mammo
	Landscape	yes	
8"x10"	Portrait	yes	Blue-based
	Landscape	yes	
others		n.a.	n.a.

yes - Film size is available and released

no - Film size is available but not released

n.a. - Film size is not available

1.2.1 Supported Format

Supported page format is always 1x1

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1.3 Restrictions

For HCC-independent restrictions, also see the general restrictions in the MAMMOMAT Novation DR document.

For film size 8"x10", portrait and landscape orientation, the image is not completely visible. The corners are not printed.

2 Modality SW Configurations / Parameters

Refer to: MAMMOMAT Novation DR/CB-DOC/ Installation/Installations instructions.

File name	Content	Remarks
agfa4500M.cf g	<p>Configuration DROC</p> <p>Software Configuration</p> <p>Edit ./installed/raw/vdevagfa4500M_001</p> <p>Edit ./installed/raw/vdevagfa4500M_001's configuration file: /linx_mp/resources/installed/raw/vdevagfa4500M_001</p> <hr/> <p>Group: Server</p> <p>factory object name = RMS://siemens06/installed/services/jss_server:PJF_OREF</p> <p>spooler name = DicomPrintSpoller</p> <p>priority = normal</p> <p>max retries = 20</p> <hr/> <p>Group: Output Device</p> <p>device type = DRYSTAR</p> <hr/> <p>Group: Print Job Description</p> <p>device name = DRY4500M</p> <p>device address = 146.254.124.16:104</p> <p><u>request annotation SOP class = false</u></p> <p><u>request print job SOP class = false</u></p> <p>print job poll period = 15</p> <p>print job timeout = 300</p> <p>printer poll period = 15</p> <p>association timeout = 0</p> <p>collate = false</p> <p>custom lut file =</p> <p>photometric interpretation = automatic</p> <hr/> <p>Group: Film Session</p> <p>copies = 1</p> <p>medium type = BLUE FILM</p> <p>film destination = PROCESSOR</p> <p>film session label = DROC film</p> <p>memory allocation = 0</p> <p>print priority = MED</p> <hr/> <p>Group: Film Box</p> <p>available image display formats = PORTRAIT\1,1</p>	This parameter can be changed within Netscape Service Login. Only importend parts of the file shown.

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	<p>image display format = PORTRAIT\1,1 annotation display format id = ANNOTATION number of annotation boxes = 6 annotation boxes per text line = 3 max annotation box text string size = 63 annotation string = max text line size = 189 number of image text lines = 5 image text position = left image text overlap = overwrite image text reorient = reorient_0 film size id = automatic film magnification type = REPLICATE film smoothing type = NONE border density = BLACK empty image density = BLACK full pixel range = true min density = 20 max density = 350 configuration info = PERCEPTION_LUT=LINEAR trim = NO</p> <hr/> <p>Group: Image Box polarity = NORMAL available image magnification types = REPLICATE BILINEAR CUBIC image magnification type = REPLICATE image smoothing type = NONE true size capable = true enable selective true size = true pixel size = 70 pad = false image text line 1 = <Off> image text line 2 = <Off> image text line 3 = <Off> image text line 4 = <Off> image text line 5 = <Off></p> <hr/> <p>Group: PORTRAIT\1,1 width = 3337 height = 4114</p>	
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Note:	If Film Size ID is "automatic", the appropriate film size (Large Patient Matrixsize=large Filmsize) will be printed. After a change in Netscape you have to press the Update button and restart the Sun!!!
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3 Hardcopy Camera, Configuration

3.1 Identification

Device-Type:	Printer
Manufacturer / Device Name:	AGFA / Drystar 4500M
HW Revision:	Type: 5363/110
SW Revision:	V 1.95 b4
Image Memory:	128 MB - RAM
Hard disk:	4 GB
Number of Operating Panels:	1 built-in
No./Type of Input:	1 Ethernet card
No./Type of Output:	n.a.
Physical Network Interface:	10/100 base T/TX
Network Protocol:	TCP/IP
DICOM Conformance Statement:	Drystar 4500 – Drystar 4500M, Docu.No. 000584, Rev. 1.3

3.2 SCP / Printer Settings

File name	Content	Remarks
No file available from AGFA	Shown by Web browser	Provided by Agfa
Parameter Name	Values	
Calling AE Title	DIRECT_DIGXRAY	
Nickname	MammoNovation	
Number of copies	1	
Print Priority	Low	
Polarity	Normal	
Kernel	Cubic High Res -2.5	
Magnification	None	
Pixel Size	1.0 / 1.0	
Film Orientation	Portrait	
Trim	No	
Film size ID	Empty	
Medium Type	Empty	
Print even if film Size ID/ Medium type not supported	No	
Perception LUT	Linear	
Kanamori-like value	0	
Custom value	Empty	
Illumination (cd/m ²)	2000	
Reflected Ambient light (cd/m ²)	10	
Border Density (OD x 100)	Black	
Empty Image Density (OD x 100)	Black	
Minimum Density	Empty	
Maximum Density	Empty	
Annotation 1	Empty Edit Custom: None	

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Anotation 2	Empty Edit Custom: None	
Window (%)	Empty	
Level (%)	Empty	
Image Orientation	R0	
Conformance Level	0	
N-Event enabled	Off	
Fit Dbmax	On	
Preferred film type	Empty	
Association Timeout(s)	0	

3.3 Error and Warning Messages

n.a.

4 Image Quality and Optical Density

4.1 Reference Film and LUT

Released Film Type	Dry Star Mammo	BLUE FILM
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Refer to: MAMMOMAT Novation DR/CB-DOC/ Installation/Installations instructions

4.2 Real Size Scaling

n.a.

5 Abbreviations

AE Title	Application Entity Title
DCS	DICOM Conformance Statement
DICOM	Digital Imaging and Communication in Medicine
HW / SW	Hardware / Software
HCC	Hardcopy Camera
LUT	Look Up Table
OEM	Original Equipment Manufacturer
SCP	Service Class Provider
SCU	Service Class User
TCP/IP	Transfer Control Protocol / Internet Protocol
PLA	Pacsnet Logical Address

6 Changes to Previous Version

n.a.

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